

Water	5-15
2-Propanol	3-6
N-Methyl-2-Pyrrolidone	1-4
<u>acetylenic, diol-based [CT-131]</u> dispersing agent	0.5-1.5
[Lorama ECQ R1] polysaccharide resin	4-9
Melamine	7-13
[FR Cros 484] Ammonium polyphosphate	25-35
Pentaerythritol	7-13
[5099] black iron oxide	0.5-1.5
<u>defoamer</u> [Dow Corning Antifoam "A"]	.01-1.00
<u>ethoxylated 2,4,7,9 - tetramethyl-5-</u> <u>decyn - 4,7 - diol</u> [Surfynol 465] surfactant	.01-1.0
4% aqueous dispersion of <u>clay filler</u> [Rheox Bentone A.D.]	2-6

~~Please cancel Claim 11 and rewrite it as Claim 16.~~

~~Claim 14, line 3, change "11" to --16--.~~

~~15. (Amended) A [fire retardant] low smoke nylon carpet, comprising:~~

~~a nylon carpet and backing [thereon that meets] which when  
tested in accordance with the Airbus ATS 1000.001/ABD  
 0031 issue 5 smoke emission test methods, said carpet  
produces a resulting smoke with a specific optical  
density not greater than 200. [and toxic gas standards.]~~

16. A low smoke, fire resistant carpet backing formulation according to Claim 1, wherein the composition comprises by weight:

resin

1	solvent-free anionic aliphatic polyurethane dispersion in water	22.00
6	polysaccharide resin	7.00

fire retardant components

7	Melamine	10.00
8	Ammonium polyphosphate	30.00
9	Pentaerythritol (char former)	10.00

= 100.00

solvents for permitting flow of the composition

2	Water	8.75
3	2-Propanol	4.00
4	N-Methyl-2-Pyrrolidone	1.70

surfactants for the composition

11	defoamer	0.05
12	ethoxylated 2,4,7,9-tetramethyl-5-decyn-4,7 diol surfactant	0.50

fillers, pigments, anti-settling and grinding aid

5	acetylenic diol-based dispersing agent	1.00
10	black iron oxide	1.00
13	4% aqueous dispersion of clay filler	4.00